

select the first downlink subframe of every two downlink subframes of said plurality of downlink subframes of said radio frame to form a first group; and
select the second downlink subframe of every two downlink subframes of said plurality of downlink subframes of said radio frame to form a second group.

13. The apparatus according to claim 9, and the at least one memory and the computer program code configured, with the at least one processor to cause the apparatus to further perform the following:
sequence each of said bundled acknowledgement bits in order of the corresponding downlink subframes of said plurality of downlink subframes of said radio frame to form an acknowledgement compilation.

14. The apparatus according to claim 9, wherein the apparatus is operable as or at a terminal, user equipment, mobile station or modem, and/or the apparatus is operable in at least one of a LTE and a LTE-A cellular system, and/or said radio frame comprises 10 subframes, wherein said first and second subframes are downlink subframes, said third subframe is an uplink subframe, and said fourth to tenth subframes are downlink subframes, and/or said acknowledgement bit is an ACK/NAK bit.

15. An apparatus comprising:
at least one processor; and
at least one memory including computer program code, the at least one memory and the computer program code configured, with the at least one processor, to cause the apparatus to perform at least the following:
receive an acknowledgement compilation, said compilation being a result of application, distinctive for each of

a primary and at least one secondary carrier, of spatial domain bundling and/or time domain bundling on a set of acknowledgement bits confirming receipt of payload data of a radio frame in a carrier aggregation mode aggregating said primary and said at least one secondary carrier, said radio frame being divided into a plurality of downlink subframes and uplink subframes, each of said downlink subframes comprising at least one codeword per carrier, each of said acknowledgement bits being allocated to one of said codewords of one of said downlink subframes; and

derive success information of a transmission corresponding to said radio frame from said acknowledgement compilation based on said distinction for each of said primary and said at least one secondary carrier.

16. The apparatus according to claim 15, wherein the apparatus is operable as or at a base station or access node of a cellular system, and/or

the apparatus is operable in at least one of a LTE and a LTE-A cellular system, and/or

said radio frame comprises 10 subframes, wherein said first and second subframes are downlink subframes, said third subframe is an uplink subframe, and said fourth to tenth subframes are downlink subframes, and/or said acknowledgement bit is an ACK/NAK bit.

17. A computer program product comprising a non-transitory computer-readable storage medium bearing computer program code embodied therein for use with a computer, the computer program code comprising code for performing the method of claim 1.

18. (canceled)

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